



JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor : Brian K. Tanner

Appli. No.: 10/629,405

Confirm. No.: 7231

Filed: July 28, 2003

Title: METHOD FOR SPINDLE BEARING FRICTION  
ESTIMATION FOR RELIABLE DISK DRIVE  
STARTUP OPERATION

PATENT APPLICATION

Art Unit: 2837

Examiner: Miller, Patrick L.

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 10, 2005.

*Thomas A. Ward*

(Attorney Signature)

Thomas A. Ward, Reg. 35,732

Signature Date: May 10, 2005

REPLY TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted with this communication in connection with the above-identified application are the following:

- ☒ A Reply under 37 C.F.R. §1.111 to the Office Action dated February 10, 2005.
- ☐ A Reply under 37 C.F.R. §1.116 to the Office Action dated \_\_\_\_\_.
- ☐ A Petition for an Extension of Time under 37 C.F.R. §1.136.
- ☐ Applicant(s) qualify for small entity status under 37 C.F.R. §1.27.
- ☐ An Information Disclosure Statement pursuant to 37 C.F.R. §1.56.

The fee associated with this communication has been calculated as shown below:

- ☒ No fee is required with this communication.
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established.
- ☐ A fee for extension of time for response under 37 C.F.R. §1.136 filed within \_ month(s) after the original time for response of \$\_\_\_ is due.
- ☐ A fee of \$180.00 is due for the submission of the accompanying Information Disclosure Statement.
- ☐ A fee for addition of claims under 37 C.F.R. §1.16 is due as follows:

FEES	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	Rate Small Entity/Other Than Small Entity	Total
TOTAL CLAIMS (37 CFR 1.16(c))	<u>13</u> * -	<u>17</u> **	<u>0</u>	X \$ 25.00 X \$ 50.00	\$0
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<u>4</u> * -	<u>4</u> ***	<u>0</u>	X \$ 100.00 X \$ 200.00	\$0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS (37 CFR 1.16(d))				+ \$180.00 + \$360.00	\$0
				TOTAL	\$0

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number of Previously Paid For" in this space is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" in this space is less than 3, enter "3".

The total fee required with this communication is \$ 0 and is to be paid as follows:

☐ Please charge Deposit Account No. 06-1325 in the amount of \$\_\_\_\_. A duplicate copy of this authorization is enclosed.

☐ A check in the amount of \$\_\_\_\_\_ is enclosed.

✓

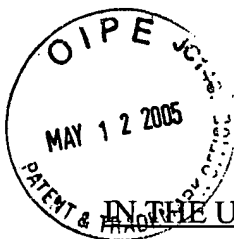
The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

Date: May 10, 2005

By: Thomas A. Ward  
Thomas A. Ward, Reg. 35,732

Customer No. 23910  
FLIESLER MEYER LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application**

Inventor : Brian K. Tanner

Appli. No.: 10/629,405

Confirm. No.: 7231

Filed: July 28, 2003

Title: METHOD FOR SPINDLE BEARING FRICTION  
ESTIMATION FOR RELIABLE DISK DRIVE  
STARTUP OPERATION

**PATENT APPLICATION**

Art Unit: 2837

Examiner: Miller, Patrick L.

**Customer No. 23910**

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 10, 2005

Thomas A. Ward (Attorney Signature)

Thomas A. Ward, Reg. 35,732

Signature Date: May 10, 2005

**REPLY TO OFFICE ACTION UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed February 10, 2005, please amend the above-identified application as shown beginning on the following page.